IN THE CLAIMS

Please amend and consider the claims as follows:

1-23. (Cancelled)

24. (New) A method of forming milled teeth on a roller cone of a milled tooth roller cone rock bit comprising:

shaping a crest of at least one chisel shaped milled tooth such that said crest comprises at least one convex profile from one corner to an opposite corner of said crest, wherein said convex crest is adapted to produce at least one of a convex axial stress distribution, a substantially even axial stress distribution, and a substantially smooth axial stress distribution; and

radiusing each of said corners at the ends of the crest of said at least one chisel shaped milled tooth.

25. (New) The method of claim 24, further comprising:

applying a layer of hardfacing material over said at least one chisel shaped milled tooth.

26. (New) The method of claim 25, wherein said layer of hardfacing material is applied over said radiused corners.

27. (New) The method of claim 25, further comprising:

applying said layer of hardfacing material such that a thickness of said

layer of hardfacing material varies across at least a predetermined

portion of said at least one chisel shaped milled tooth.

28.   (New) The method of claim 25, wherein a crest of said layer of hardfacing

material is substantially flat.

29.   (New) The method of claim 25, wherein a crest of said layer of hardfacing

material is convex.

30.   (New) The method of claim 25, further comprising:

applying said layer of hardfacing material such that a thickness of said

layer of hardfacing material is greater on at least one corner than in

a middle of the crest.

31.   (New) The method of claim 24, wherein there is a single convex profile formed

between said radiused ends of said crest of said at least one chisel shaped milled

tooth.

32.   (New) The method of claim 24, further comprising:

shaping a flank of said at least one chisel shaped milled tooth such that

said flank comprises at least one convex profile.

33.   (New) The method of claim 32, further comprising:

      shaping an end of said at least one chisel shaped milled tooth such that

      said end comprises at least one convex profile.

34.   (New) The method of claim 32, further comprising:

      shaping an end of said at least one chisel shaped milled tooth such that

      said end comprises at least one concave profile.

35.   (New) The method of claim 24, further comprising:

      shaping a flank of said at least one chisel shaped milled tooth such that

      said flank comprises at least one concave profile.

36.   (New) The method of claim 35, further comprising:

      shaping an end of said at least one chisel shaped milled tooth such that

      said end comprises at least one convex profile.

37.   (New) The method of claim 35, further comprising:

      shaping an end of said at least one chisel shaped milled tooth such that

      said end comprises at least one concave profile.

38.   (New) The method of claim 37, further comprising:

      shaping an end of said at least one chisel shaped milled tooth such that

      said end comprises at least one convex profile.

39.   (New) The method of claim 24, further comprising:

        shaping an end of said at least one chisel shaped milled tooth such that

        said end comprises at least one concave profile.

40.   (New) The method of claim 24, wherein shaping said crest of said at least one

        chisel shaped milled tooth comprises:

        substantially aligning said crest with an axis of rotation of said roller cone.

41.   (New) The method of claim 24, wherein shaping said crest of said at least one

        chisel shaped milled tooth comprises:

        substantially aligning said crest with a line that is within 40^0 of an axis of

        rotation of said roller cone.

42.   (New) The method of claim 24, wherein shaping said crest of said at least one

        chisel shaped milled tooth comprises:

        substantially aligning said crest with a line that is within 30^0 of an axis of

        rotation of said roller cone.

43.   (New) The method of claim 24, wherein shaping said crest of said at least one

        chisel shaped milled tooth comprises:

        substantially aligning said crest with a line that is within 15^0 of an axis of

        rotation of said roller cone.